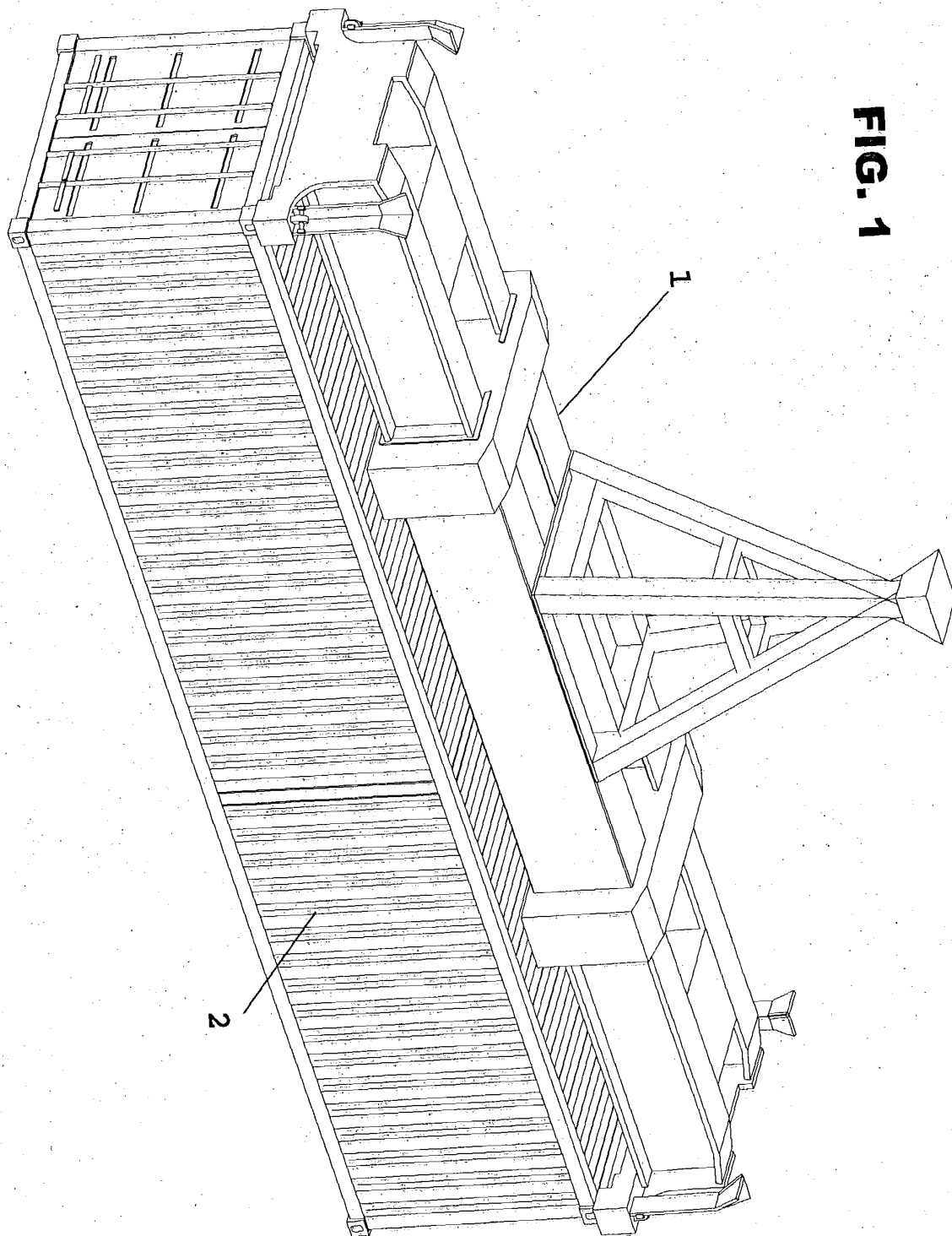
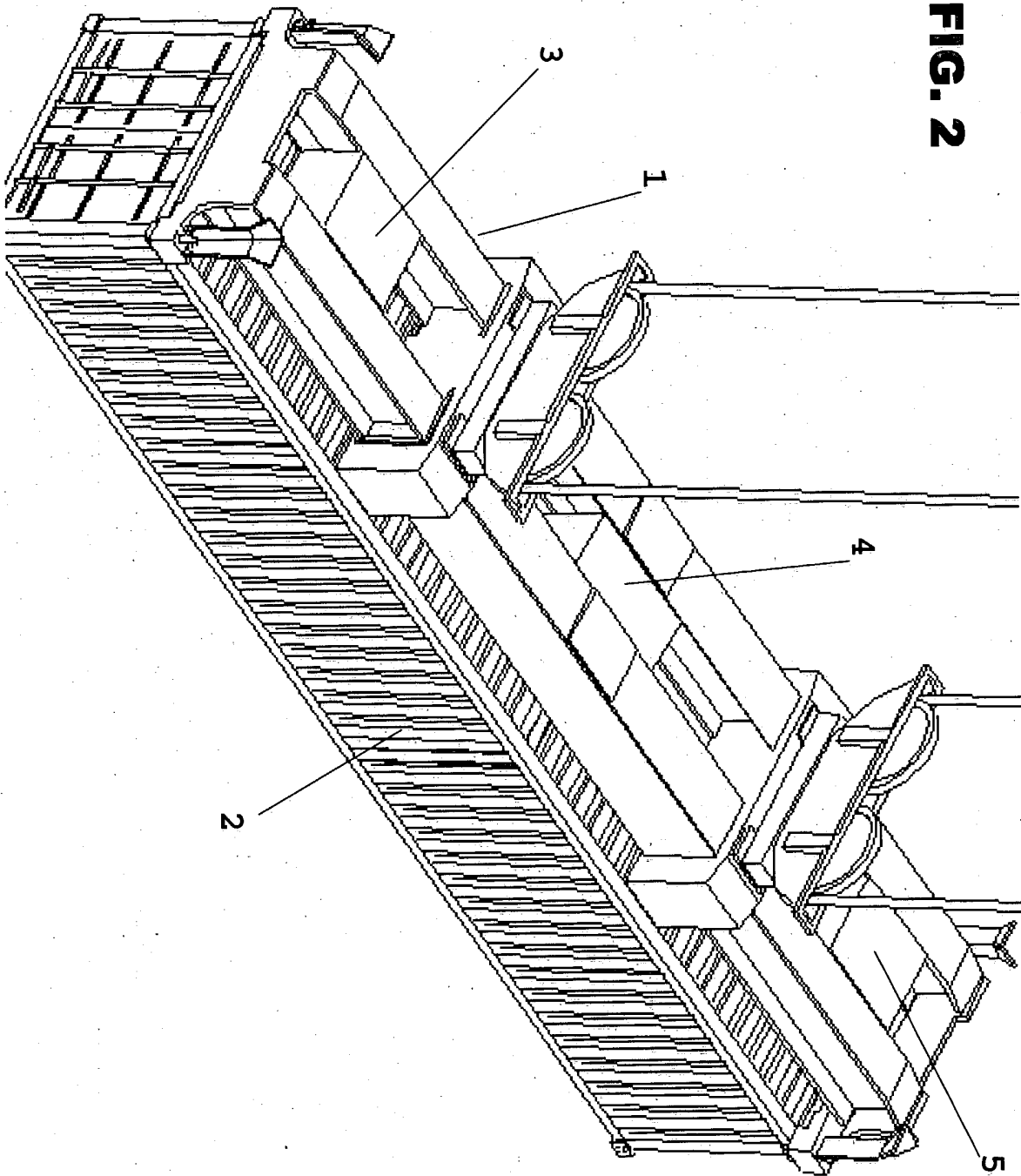


FIG. 1



**FIG. 2**



**FIG. 3**

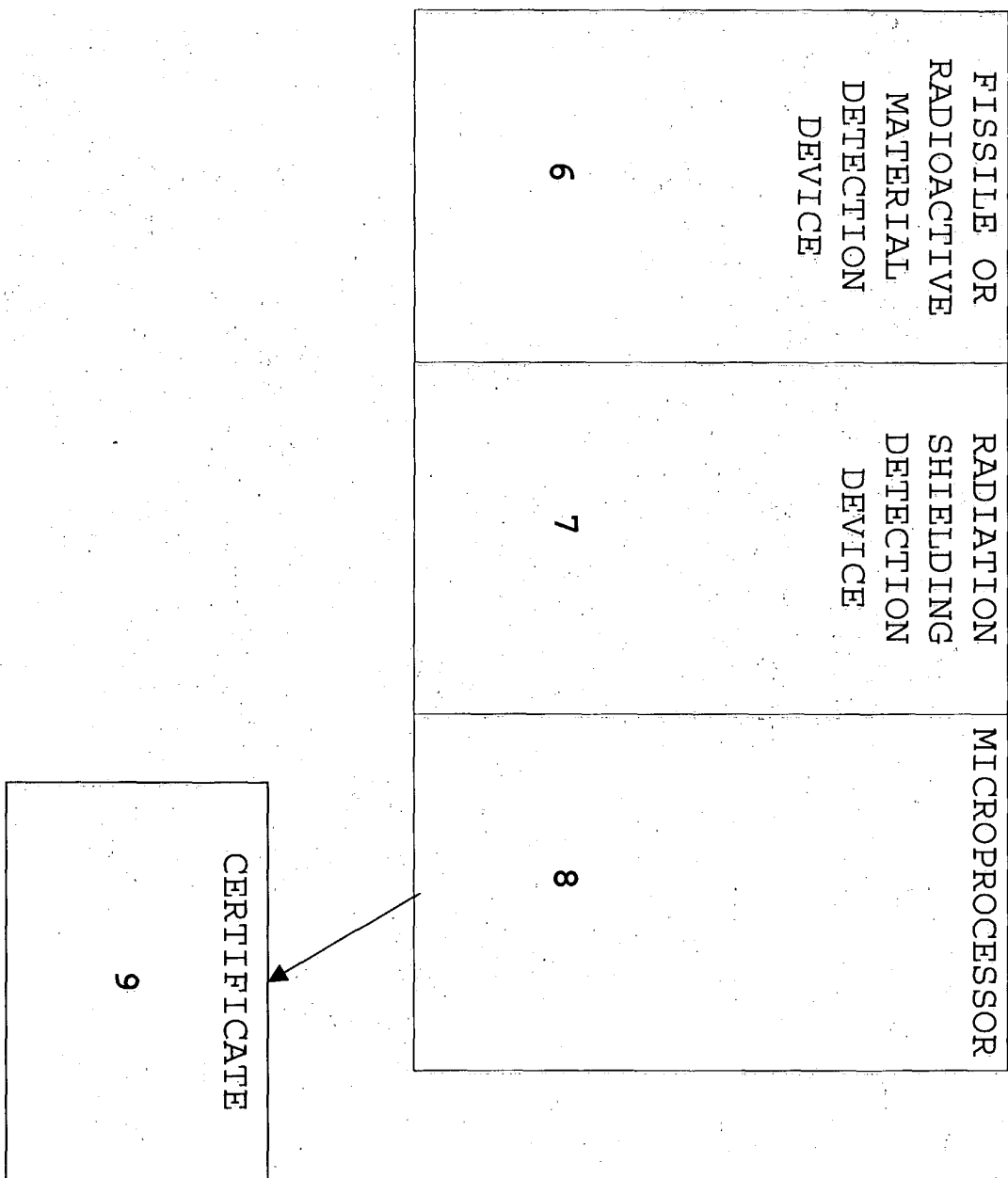


FIG. 4

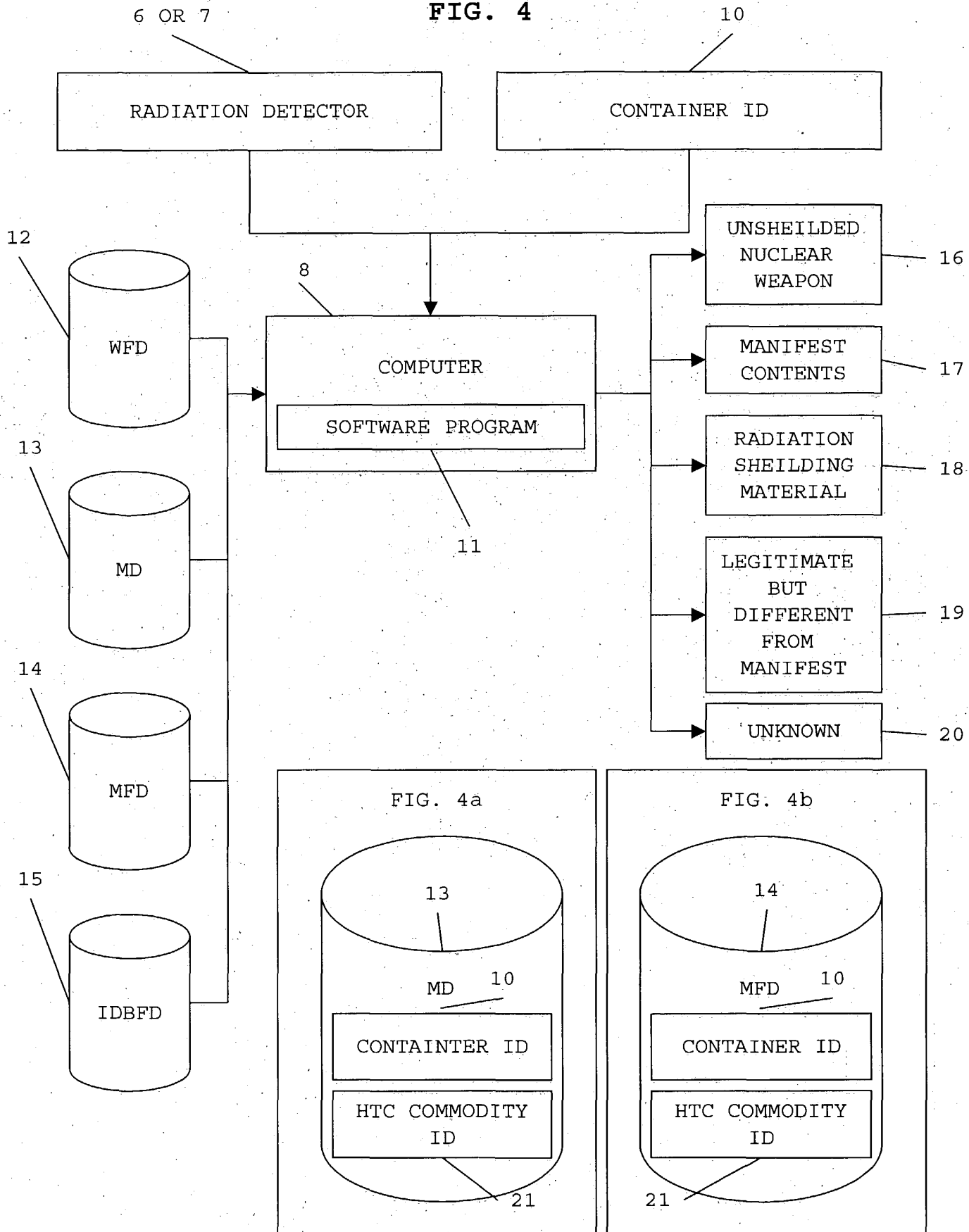


FIG. 5

CREATE ORIGINAL BACKGROUND FINGERPRINT

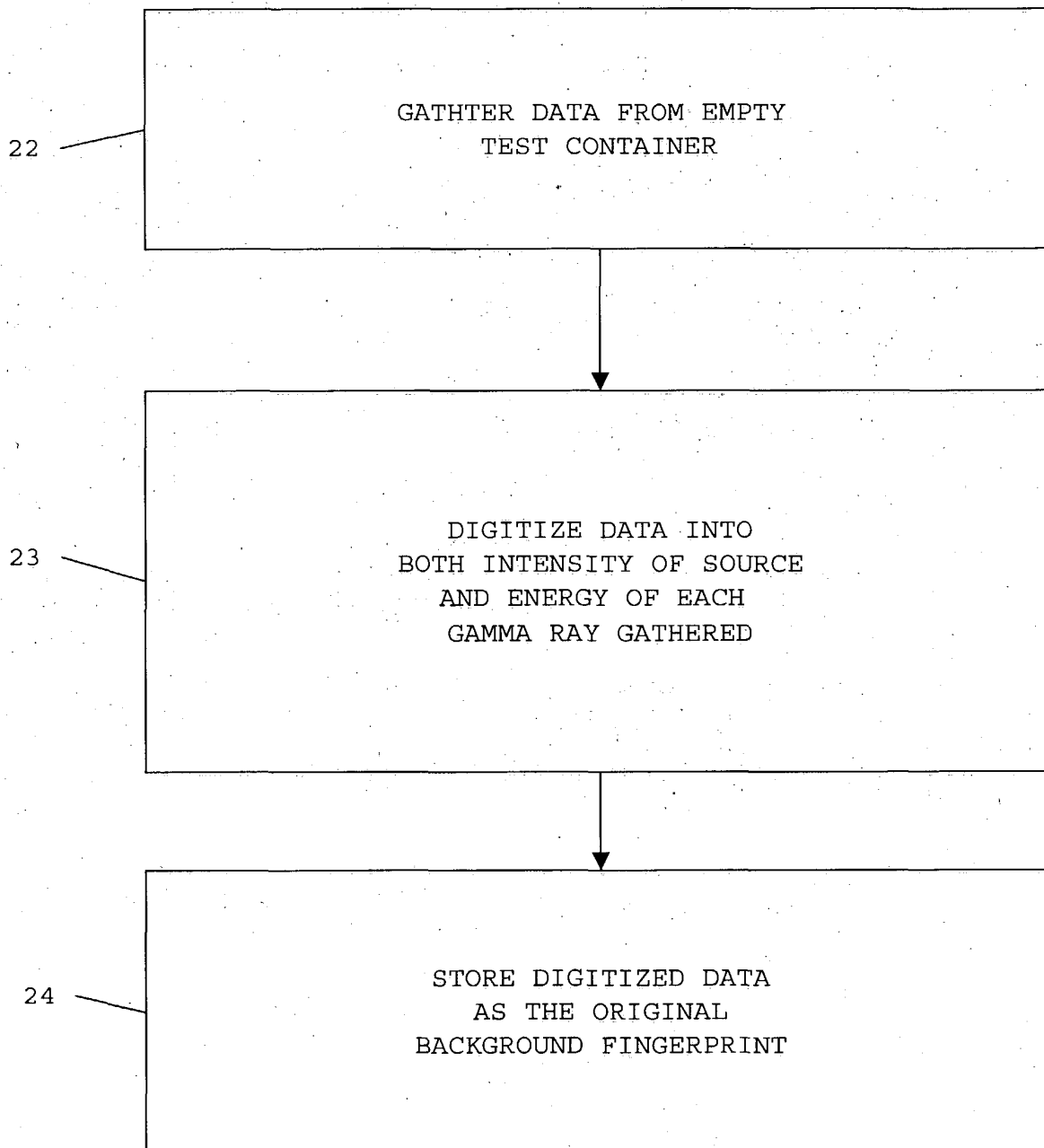
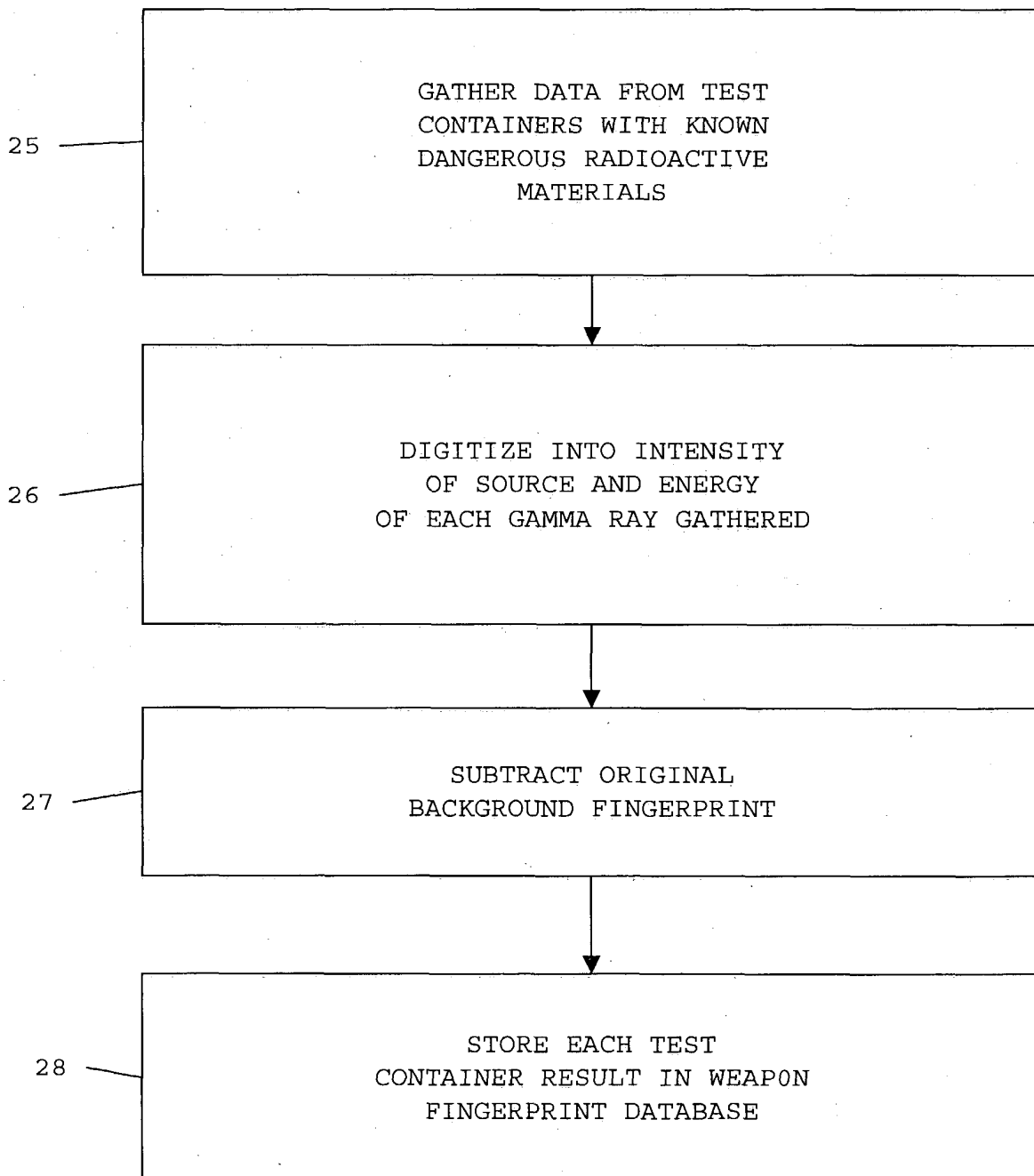


FIG. 6

CREATE WEAPON FINGERPRINT DATABASE



**FIG. 7**

CREATE MANIFEST FINGERPRINT DATABASE

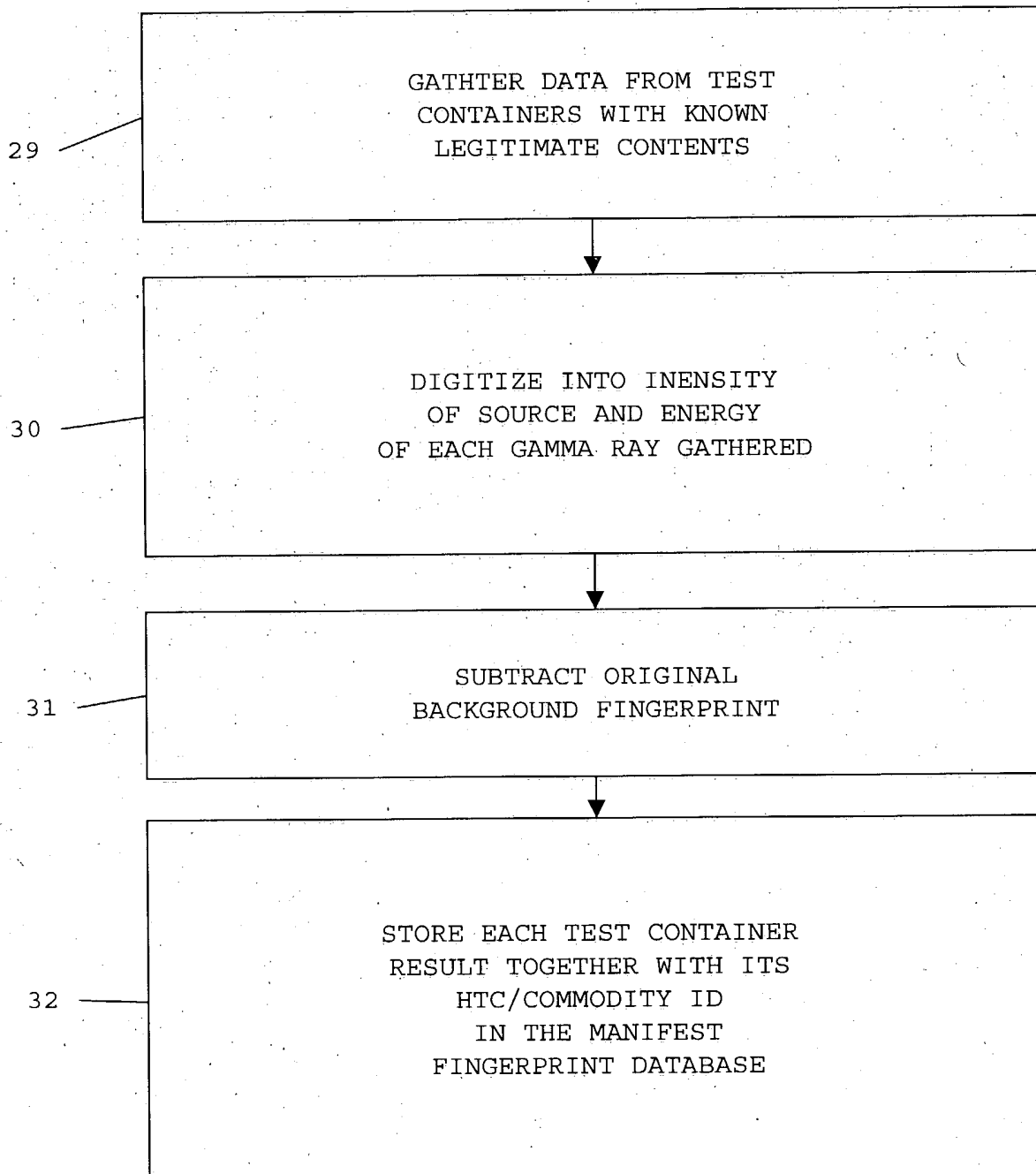


FIG. 8

CREATE INSPECTION DAY BACKGROUND FINGERPRINT  
DATABASE

33

BEGINNING OF EACH DAY OF  
USE, GATHTER DATA FROM  
EMPTY TEST CONTAINERS



34

DIGITIZE INTO INTENSITY  
OF SOURCE AND/OR ENERGY  
OF EACH GAMMA RAY GATHERED



35

STORE RESULT AS  
INSPECTION DAY BACKGROUND  
FINGERPRINT IN DATABASE



FIG. 9

